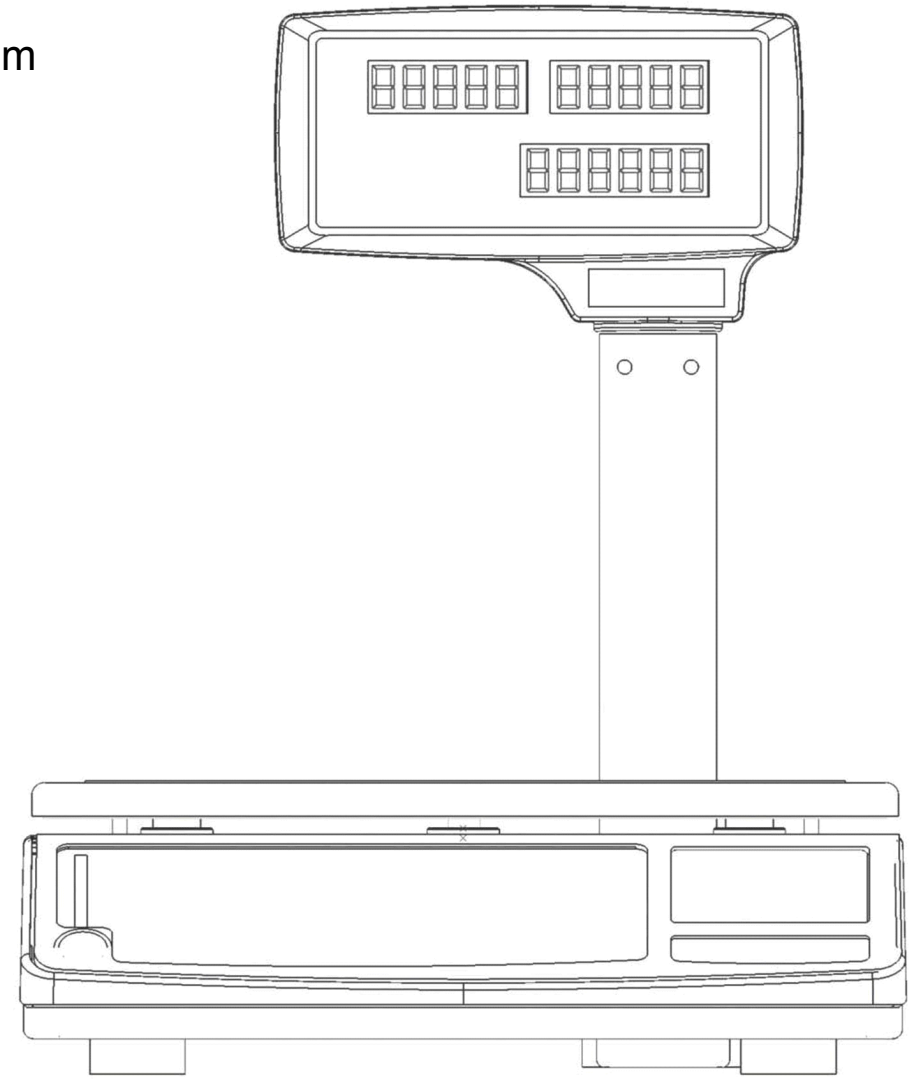
Using manual of

Store Weighing System

TP30



EN

Name: Using manual for TP30 Series

Pages number: 33 pages

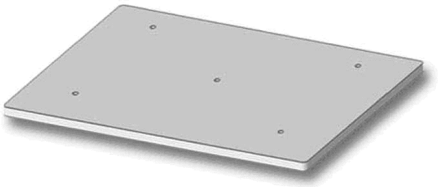
Written by: Research and development .

Available parts in a carton

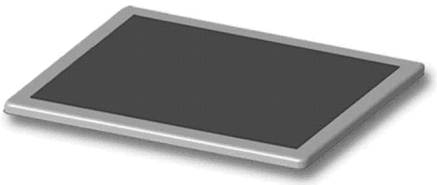
The product that you have bought includes the below parts:

AC cable

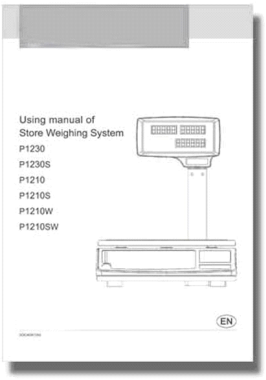
A scale



Plastic platter



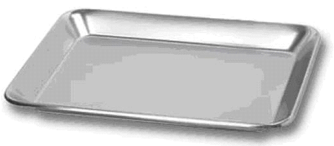
Steel platter



Guidance book

Reminded

the ridgy platter is belong of accessory patrs.
if you need it, you should buy it seprately.



Description about manual

Installing
Usage way
Maintance condition
Technical specifications

All contained information in this manual is accordance with publication time.

Our company keeps the right to do any changes to any time as a permanent policy in improving and upgrading products for theirselves. This manual has been prepared for various models with same body that have buit at Our company, so some content may not use on your device.

Please, consider the model of your device when studying this manual.

Our company keeps all rights for theirselves, no part of this manual should not copy or rewrite or reform in any way shape without written consent of KFB company.

The used signs in this manual

This manual contains information with warning signs and headings, note and reminded.

Warning

This sign indicates the presence of dangrouse voltage on the device that may cause electric shock, to note the presented recommenndations.

Notice

This sign indicates a situation that if ignore it, can cause damage or accuracy of scale performance.

Reminded

This title refers to significant or usel information.

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Foreword

Congratulate your arrival to people that select our scale for their Store and we are thankful for your selection.
Impressive engineering, high quality and easy-using are important features of our scale that we attend to them to obtain customer satisfaction.

Our company has prepared this manual for user of our weighing system for easy using.
This manual contains enough information for proper using Our company has recommended to study written information in this manual for proper using and long life of device.
easy- installing is another features that we attend it in during design stage you can assemble and install your scale easily by using this manual.

Notice

Study this manual carefully before assemble and install. please, keep it carefully for future refrences and use of next owner.

Rminded

Impressive engineering, high quality and easy-using are important features of the scale to obtain customer satisfaction. study carefully this manual for proper using and long life of your device.

Our Company has been organized after sale service to acheive customer satisfaction.
You can call to after sale service to resolve possible problems by telephone service and also you can go to authorized representative of our company to do all required services.
If you go to general repair person, the company won't have any responsibility.

Any changes in the component of the device will unvalid manufactured company warranty

At your system, any changes should not be applied; the changes may have undesirable affect on safety, durability and performance of device. Component were changed that result damage to device, not covered by warranty.

	0 to 9 key	Number keys
	Clean	Clean enterned information
	Add	add sold goods
	print	print receipt and reports
	Zero	set zero manually
	Tare	Delete the container from total weight
	1 to 10 memory	Memory keys in 10 memory devices
	1 to 30 memory	Memory keys in 30 memory devices
	Quantity	Qunatity sale
	Voide	voide one/ back to weight mode, move in receipt
	Cash	Open the cash
	Setting&Report	Set date and time, Show daily sale reports and technical reports
	Change	Calculate the change

Introducing the device

This device has been produced and offered with maximum capacity of 30 kg, minimum capacity of 100gr and 5/10gr of accuracy.
Store weighing system has been tested in design stage, prototyping and mass production and carefully checked and controlled its effect on radio waves.
Using this device will not disorder in communication devices, remote control and high frequences.

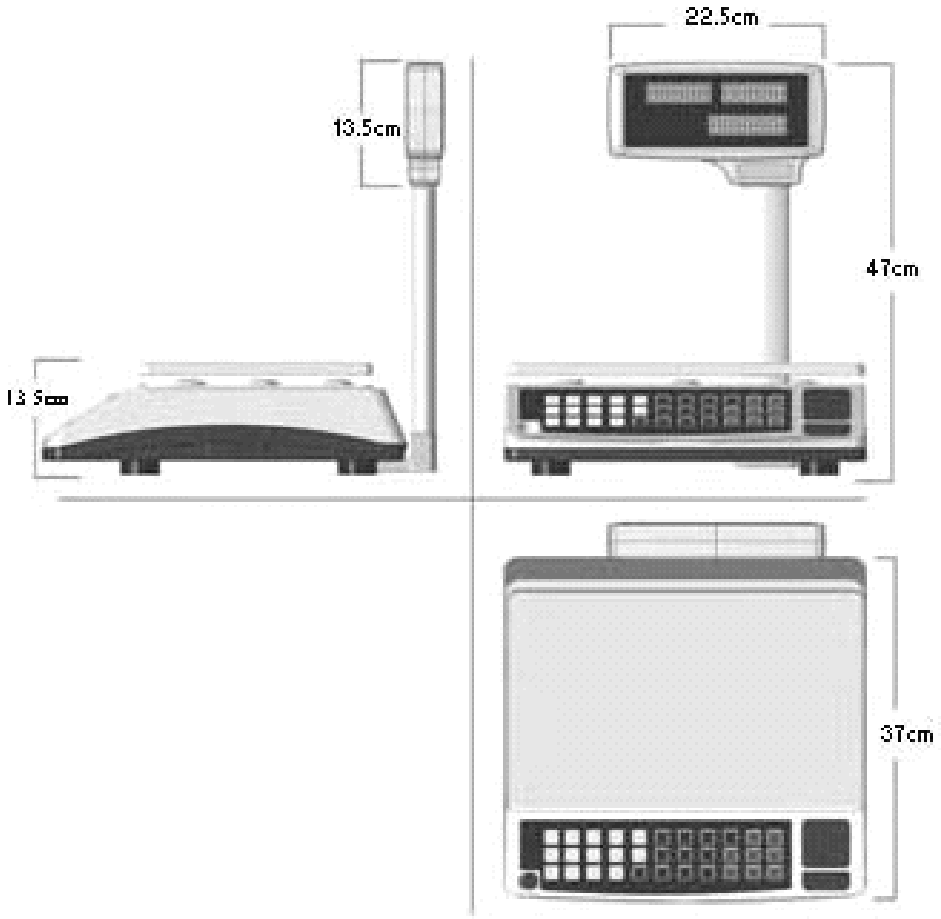
Abilities:

- Easy using
- Quick and precise weighing
- Calculate price
- Total price of several goods
- Daily sale reports
- Electronic Tare
- Calculate the change
- Quantity sale

.Show date and time
.Equipped with high - speed thermal printer
.keep unit price and product name in memory
.Connectivity to cash and USB

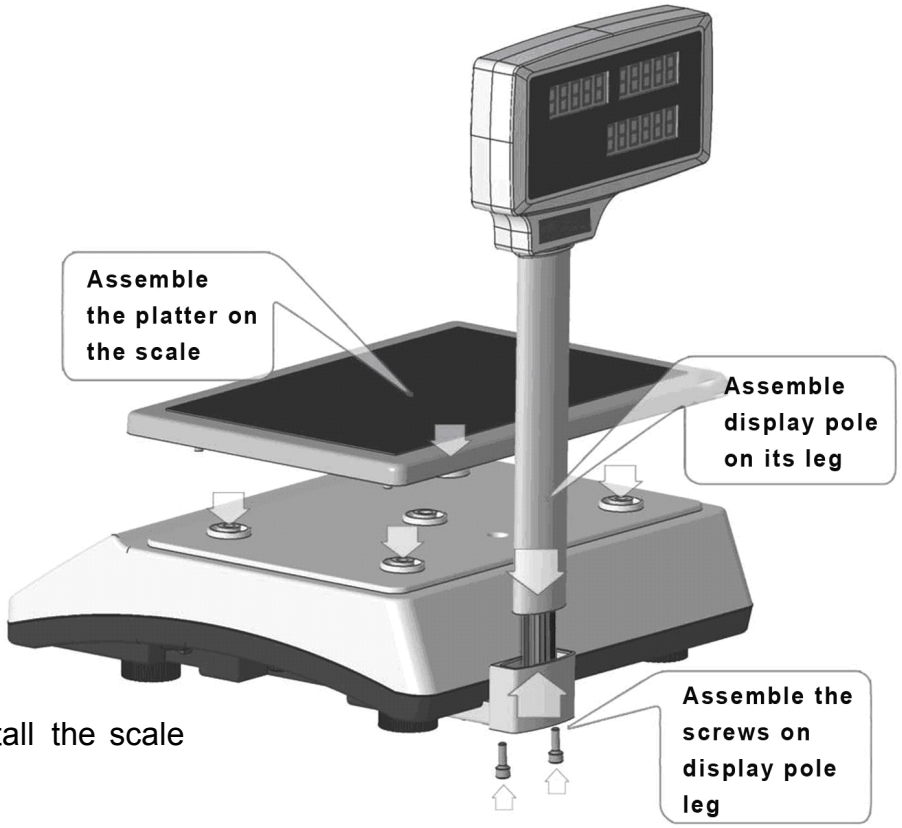
Technical specefication:

- Max capacity 30kg, Min capacity 100gr, Accuracy 5 / 10
- Double side LED display, show weight in 5 digits, unit price in 5 digits and total price in 6 digits
- Stainless steel platter
- Able to work with AC power (220volt, 60Hz) and chargable battery.



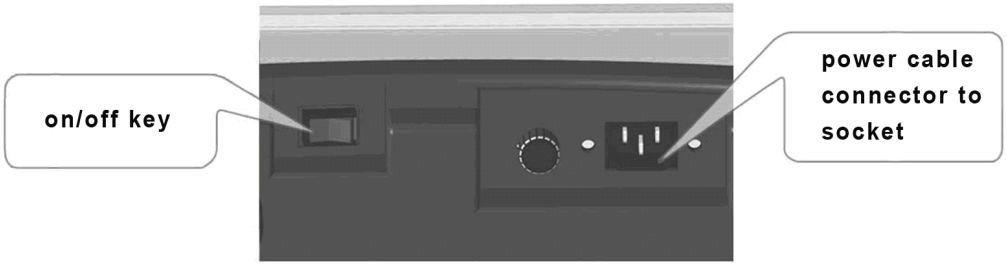
Assemble guide

Scale component are installed according to below picture:

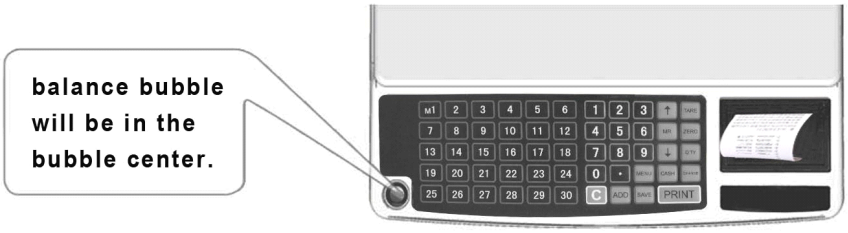


Install the scale

Select a suitable location for placement of device. install power cable to device as shown in below picture and turn it on by on/off key.

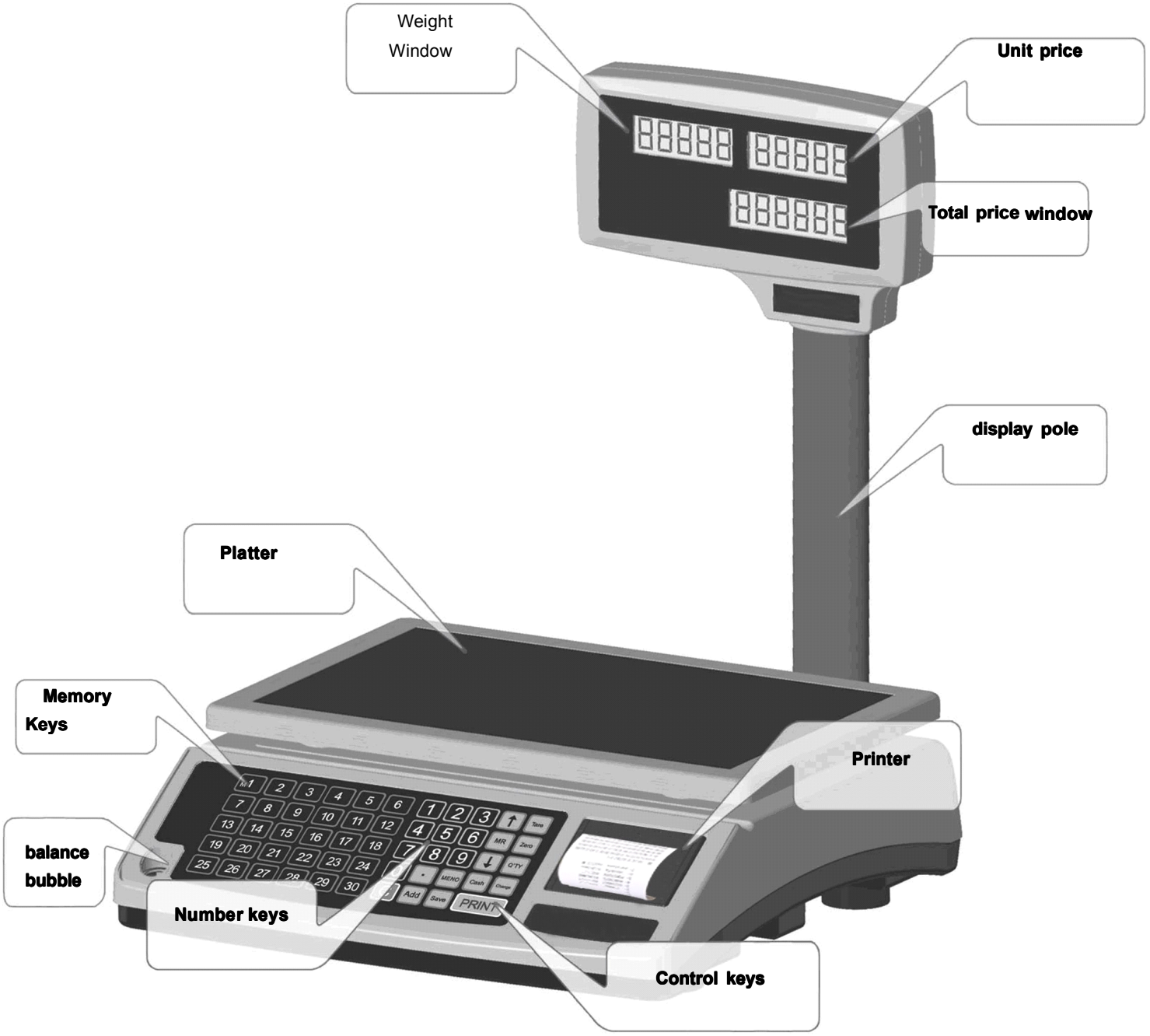


Adjustable legs allow you to balance the device easily. in this case, a balance bubble will be in the bubble center.



The device starts countdown automatically and display will show zero on the screen. the device is now ready. if it was not zero for any reason, it can be zero by zero key.

Introduction with component and producer



Battery

Another important feature of this device is working without AC power. for this purpose, an internal 6volt battery is considered that can be used for 24 hours without power devices.

Notice

it is recommended to use the power to have full charge internal battery in this case AC light will be on.

Quick access

Weighing

Put the intended goods on the platter, the weight window will show its weight

Calcuate the goods price

Enter unit price by number keys and in the same time, unit price window will show it. price of goods will calculate base on its weight and total price window will show it.

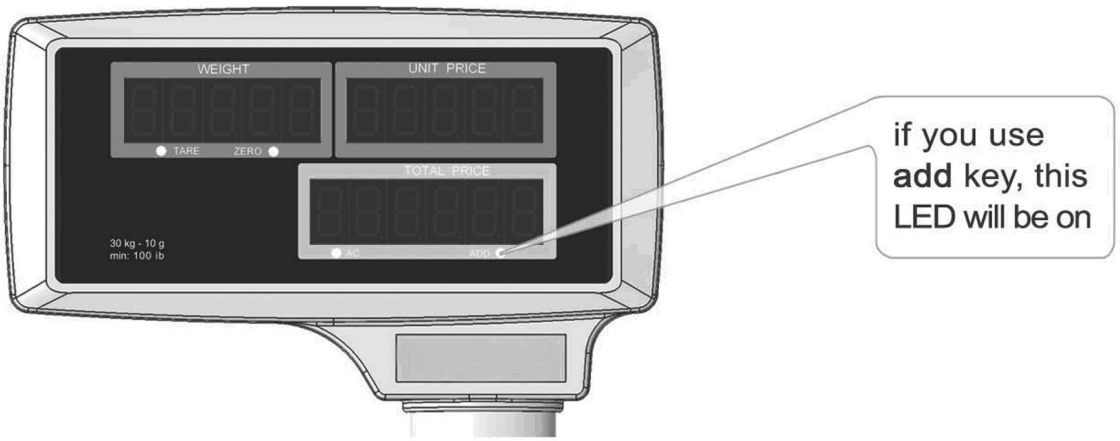
Reminded

Total price will be showed as a rounded number.

To correct the goods price, can use clean key.
Can enter the goods price by memory keys too.

Total price of several goods

To calculate price of several different goods and add the prices to receipt, you can act as below:
Put the first goods on the device and enter its price then (before pick it up) press add key, the display will show the goods and its total price. put the second goods on the device and continue.
You can do this action till 50 times.



Print receipt

This device has high-speed thermal printer that user will able to print sale, receipt and daily reports.

Reminded

If device be in weighing mode and press print key, the printer will out some white paper printer, if press printer key for two seconds, the previouse receipt will be published.

Reminded

TP-30 model is able to save and printe goods name.

Sample print in models

welcome
Date: 2010/07/06 Time:12:12:12
Receipt NO: 2

Name	W/QTY	Unit Price	Amount
1 ****	0.090kg	7.77	0.70
2 ****	0.090kg	8.88	0.80
3 ****	0.090kg	0.99	0.09
4 ****	22pcs	33.00	726.00

Totall Rows:4
Totall Weight:0.270kg
Amount:727.59
Thanks for shopping

Sample print in models

welcome
Date: 2010/07/06 Time:12:12:12
Receipt NO: 3

Name	W/QTY	Unit Price	Amount
1 apple	0.090kg	7.77	0.70
2 orange	0.090kg	8.88	0.80
3 strawberry	0.090kg	0.99	0.09
4 ****	22pcs	33.00	726.00

Totall Rows:4
Totall Weight:0.270kg
Amount:727.59
Thanks for shopping

How to insert the new paper in printer

Open the printer door by right pin and take out the roll and put printerpaper inside it, take out a small amount of paper then close its door.

Notice

The printer paper should be thermal with 25mm tickness.

Reminded

If printer paper ends and you press **print** key, a beep sound will be heared and the last receipt will be deleted,insert the new paper in prinetr and press print key for two seconds. the deleted receipt will be published.

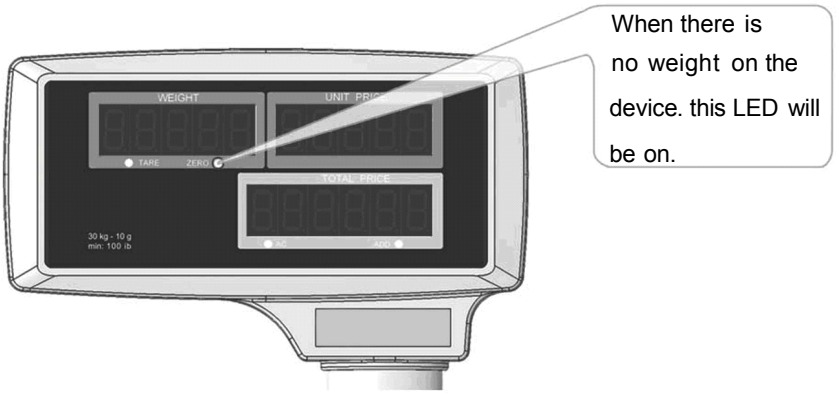
Set zero

manually

When there is no weight on the plate and weight window shows 0.000, press zero key to get zero mode.

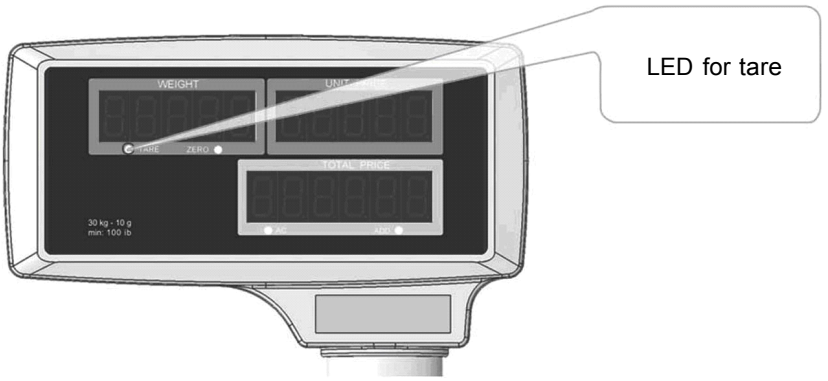
Automatically

When the device is turned on, it will be zero automatically till 3kgs.



Tare

When your goods has packing or container to calculate net weight, you should put its container on the scale and press **tare** key. the display will show zero in weight window.



Reminded

You can use tare key for some times
To back to first mode , you need to pick all goods up then re-press **tare** key , the display will show zero in weight window.

Memory

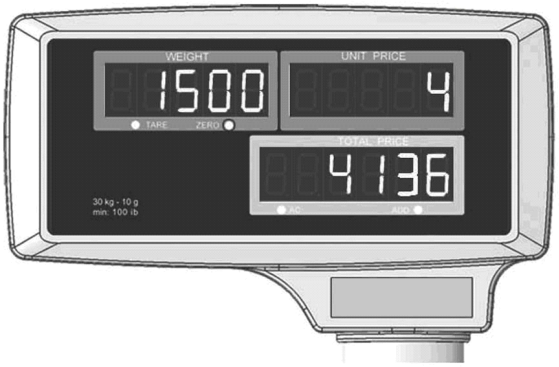
TP-30 has 10 memory that can use them to save price of each kilogram goods. to do this, it is necessery to enter price of each kilogram by 0 to 9 number keys then press one of **memory** keys to save enterned prices in the memory.

Reminded

TP-30 is able to save the price and product name together and the product name will be printed in receipt.

Sale report

This device has high capacity in record of reports that can be prepared sale reports in any time base on recorded receipts.
To see sale reports, press **menu** key, the below information will be showed:



if press the print key, daily report will be printed.

Daily Report

Date: 2010/07/6 Time:..1.2.:.1..2.:.1.2.

……

Deal Time: 1

Total Daily Weight: 0.360kg

Total Daily Qty: 55pcs

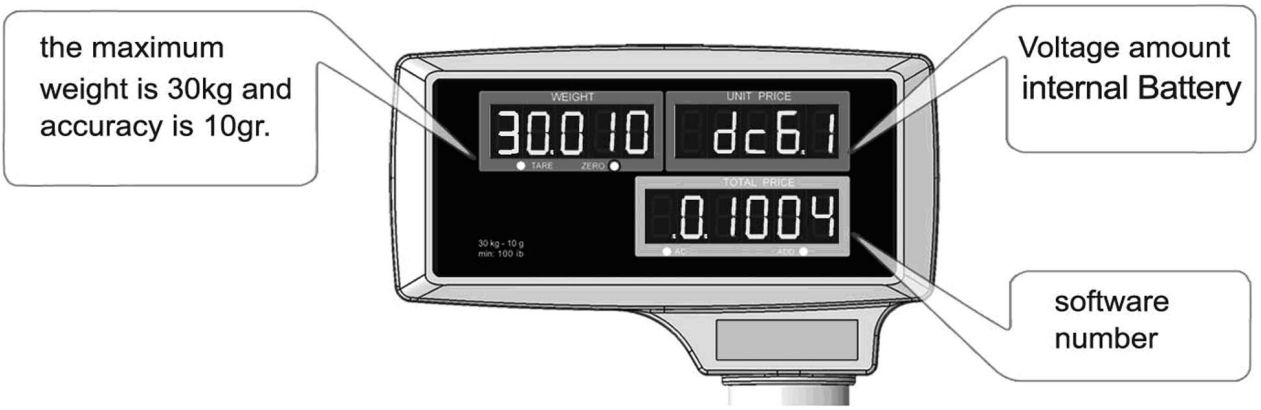
Amount: 1253.20

Reminded

the device will automatically print the sale report of last day before printing the first receipt in each day .

Reminded

If press report key twice, the technical report will be showed.

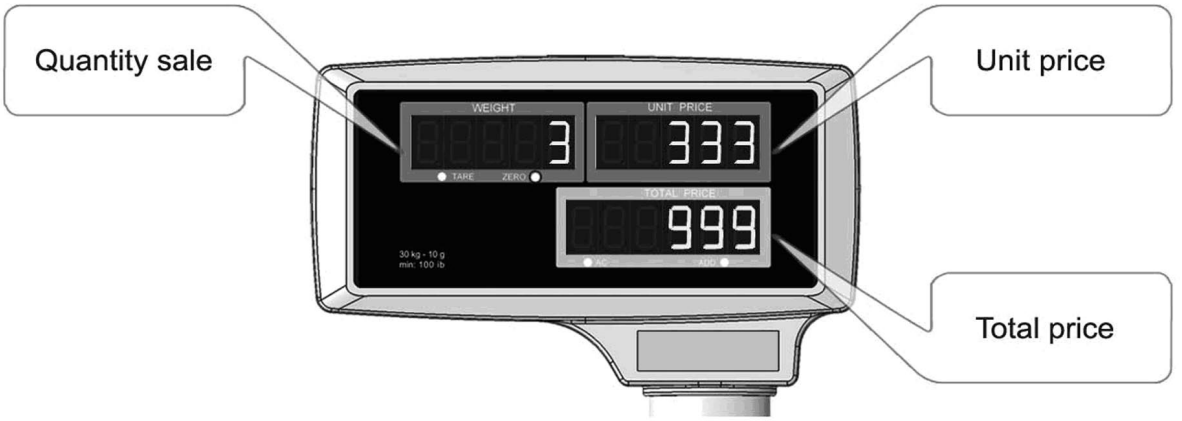


Reminded

Can not print this information.

Quantity Sale

To Quantity sale, you need to enter unit price of each goods by **number** or **memory** keys, then press **Quantity** key and now enter your intended quantity by **number** keys, the total price will be showed.
If you press **add** key in this mode, this sale will be added to receipt and go out from Quantity sale.



Reminded

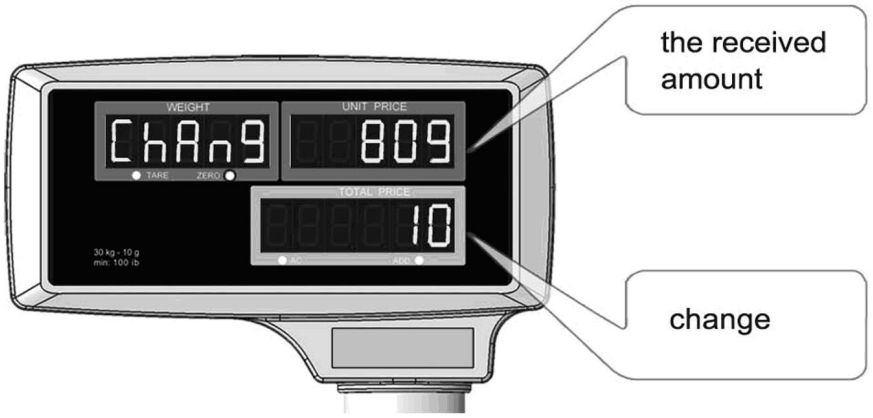
If total amount be more than 999999, the below message will be appeared. need to clean or decrease the enterned amount.

Reminded

To out of quantity sale mode or change unit price and continue quantity sale, press delete key.

Change

When total price is shown on the display to calculate the change, press change key, then enter the received money by number keys. the change will be shown on total price window at the same time.



Reminded

If received money be less than total price, the change will be showen as a negative number. to out of change mode, you need to re-press change key or press **clean** key.

Void receipt

Void all:
To void all added goods, first press **add** key to show number of goods and its total price, then press **clean** key.

Void one:
To void one or some added goods, first press **add** key, then move by ↑ or ↓ keys in the list and delete your intended goods by **clean** key.

Setting the device

Set date:
press **menu** key for 3 times, in this case, two digits are related to year will display as flashing. enter two digits of year by **number** keys, then digits of month will be flashing, enter them. at the end, the digits of day will be flashing, enter them too.

Set time:
After setting date, re-press **menu** key, in this case, two digits of hour will display as flashing, enter hour and minute. then second digits will flash, enter them too.

Reminded

To out of setting , re-press **menu** key.
If there is no weight on the scale and not use it,after passing one minute, the display shows the time and if be connected to AC power, it will shows both date and time (the scale will be in standbye mode.)

Connect to cash

TP-30 is able to connect to cash, to do this, it is need to press **cash** key to open cash door.

Connect to computer

TP-30 has RS232 port that can change the software by it. This models has USB port too, that can change unit price and goods name by it.

How to save goods name in the memories

1. Open PLU register.exe program (double click on its icon)
2. Enter user name and password then confirm it. the program will open.
3. Select property item from file part.
4. Enter number 30 for memory maximum and click the confirm item.
5. Right click to re-make memory or press F3 key then confirm it.
6. Enter the name is name table and enter the price in price table.
7. Press ↓ key to make file for flash.
8. In Plu register , it is made a file in the name of " Pludata.hex ", plz change its name to " Pludata" then copy it in flash.

Note

Falash format should be FAT16(FAT).

To do this, go to my computer then right click on the flash, then select format, in the file system select FAT.

9. Connect the flash to USB port and turn on and off. press save key for two seconds, all goods name and their prices move to memories.

Change name of memory:

Change name of memory is same as save a name in memory, only about number 4 and 9, need to act as follow:

4. Enter number 1 for memory maximum.

9. Connect the flash to USB port and turn on and off. press save key for two seconds. then name of intended memory will change.

Maintence and safety issues

- Avoid to put the device in a very humid or filled with dust enviroment.

  Acceptable moisture level in working time.....<%90 RH

  Acceptable moisture level in off time.....<%70 RH

  Acceptable temperature in working time.....10°C ~ +40°C

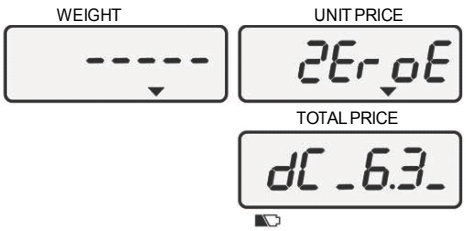
  Acceptable temperature in off time.....25°C ~ + 50 °C

- Be careful that AC power cable should not be placed in traffic rout or direct sunlight.

- Avoid to put the heavier object than defined capacity on the scale, if this happens , message “OL” will appear on weight window and a beep sound will be heared , you should immedately pick the heavier object up to avoid any damage to device.not to put the heavier object than defined a capacity on the scale in off time too.

- Not to use display pole for scale transport

- When the sacle is turned on , if you put a goods heavier that 3kg , this weight is more than amount of automatic zero and display will show an error message as below, turn off the scale and pick the platter or weight up then re-turn on



- To use battery, it is necessery to charge it for 24 hourse in first time, and can repeat this action every two or three months.

- To protect and increase battery life, donot use miscellaneouse cable to connect to AC power.

- While working with scale, use AC power to charge internal battery and able to use in necessery time.

Reminded

Avoid to put the device in a very humid or filled with dust enviroment.
Be careful that AC power cable should not be placed in traffic rout or direct sunlight.
Avoid to put the heavier object than defined capacity on the scale.
Not to use display pole for scale transport.
Use A/C power while working with device.

Notice: Cleaning the keyboard and display

Do not use cleanser multi-use material or cleanser rasper material. chemical composition of these materials may destroy the scale surface. you can clean the keyboards with a clean napkin or special spray of keyboard.

Notice: Cleaning body and platter

Do not use the material containing ammonia or thinner. follow the instruction of cleanser material producers.

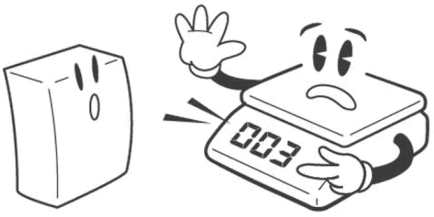
Notice:

If the device in impaired during the work. first turn it on and off. then, empty the platter and be sure about lack of contact with other objects. now, your scale is ready and act as manual.

Precautions

⚠ Attention

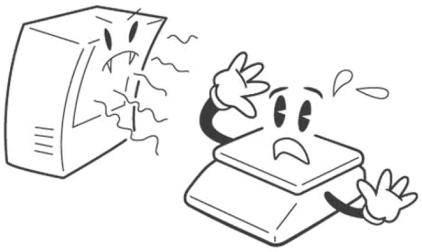
For consistent and accurate reading, maintain periodical check by your authorized dealer.



Avoid sudden shock to the scale. Internal mechanism could be damaged.

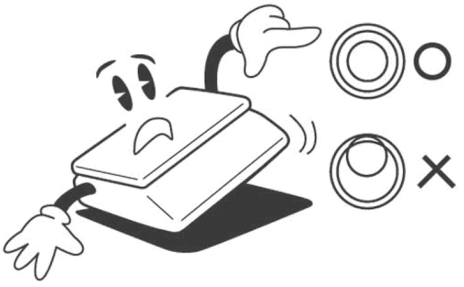
Grab on the bottom of the scale when moving. Do not hold by the platter.

Keep the scale away from other electromagnetic generating devices. This may interfere with accurate reading.



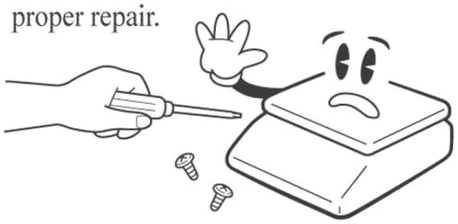
Place the scale on firm and temperature consistent environment.

By adjusting 4 corners of the scale, set the scale even using the built in scale leveling indicator.

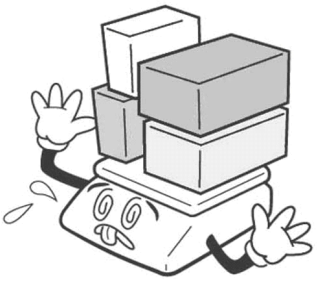


Warning

Do not disassemble the scale.
When any damage or defect occurs, contact your authorized dealer immediately for proper repair.

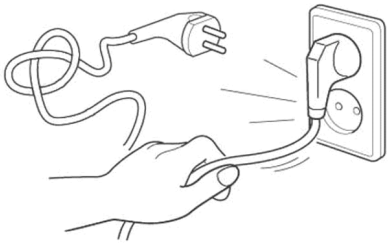


Do not overload beyond the maximum weight limit.



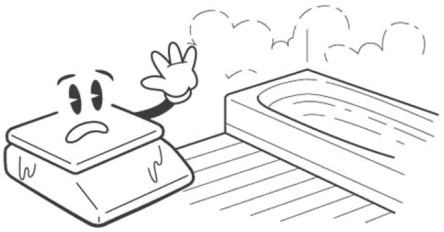
Scale must be grounded to minimize electricity static. This will minimize defect or electric shock.

Do not pull the plug by its cord when unplugging. Damaged cord could cause electric shock or fire.

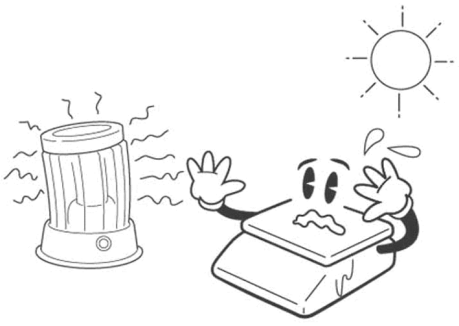


To prevent from fire occurring, Do not place or use the scale near flammable or corrosive gas.

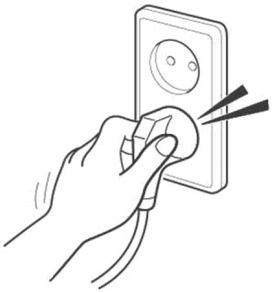
To reduce electric shock or incorrect reading, Do not spill water on the scale or place it in humid condition.



Avoid placing the scale near heater or in direct sunlight.



Insert plug firmly to wall outlet to prevent electric shock.



Enviroment maintance issues

It is used the enviromental compatible materials in packing of this device. so, after throwing off the packing materials, they will recycle naturally and dont damage to enviroment

throw away the covers, bags and other plastic accessories used in packing, in suitable and safe way.

Keep such material out of children reach; because there is possibility of suffocation; before discarding this material, make sure that will be carry for recycling.

Electronic devices battery contains chemical material that can be harmful for enviroment, so dont trash used battery.

In case of any problem before contacting the authorized representative, study follow items and try to remove them:

The device won't turn off

Reason	Solution
Error in input AC power path	Control power cable for decay, tear and cutting. Check connected cable to device and make sure about its well-set. If AC power plugged off and device uses internal battery, the battery. may be empty. in this case, you should wait to re-connect AC power and fully charged battery.
Burning fuse on the body or loosing fuse place	If fuse is loosing, well-set it or if fuse is burnt, replace it with its similar.
Error in electronic and control circuts	Contact to after sale service unit.

Fault detection

System has variation in weight after the countdown.

Reason	Solution
There is vibration in weighing pan.	If system is located in direct air of cooler or fan, change its location. If system is located near noise source such as wireless transceiver devices, change its location. If there are severe variations in input power, recommend to use voltage stablizer.
Creat problem in electronic circuits	Contact to after sale service unit.

The numbers related to weight are not fixed on the display and have variation.

Reason	Solution
Static electricity or severe variations	Turn off and turn on after few minutes, in electricity can cause error in if not resolved problem, contact to after electronic circuts. sale service. Check the AC power cable for decay, tear and cutting.
The pan has vibration.	Be sure about system balance. Be careful, there is no object in contact with pan. Be careful, the legs are in appropriate situation. If system is placed in direct air of cooler or fan, change its place.
Error in electronic circuts	Contact to after sale service unit.

Fault detection

System turn off in during work.

Reason	Solution
Static electricity or severe variations can cause error in circuts.	Turn off and turn on after few minutes, in electricity if not resolved problem, contact to after electronic sale service.

viewing message “ 999999 ” in total part

Reason	Solution
total sale has been exceed .(999999).	reduce the price or weight

Viewing message " bAtL " in weight part

Reason	Solution
Battery voltage is less than 5 volts.	Connect the cable to socket to charge the battery. Battery charging operation is doing even during off time. if needed, can connect the cable to power in during off time.

Viewing message " oL " in weight part with continuous beep sound

Reason	Solution
Put heavier object than defined capacity on the device	Should be immediately pick up the heavier object to fail to harm the device.

Fault detection

Viewing message “ ZEtoE ” in unit price window

Reason	Solution
Automatic zero is not setting	Turn off the device, if the platter and or a object with more than 3kg weight on the scale, pick it up and then turn the device on.

Viewing message “ totAL ” in weight window and “ Add ” in unit price window

Reason	Solution
Use add key more than 50 times	By using ↑ key , can select the last goods and clean it by Void key.

Note